

What is claimed is:

1. A disk transferring device for a disk drive, comprising:
a chassis; and
a moving unit operatively connected with the chassis and in selective contact with one surface of a disk inserted into the disk drive, and rotated by a force of a driving source to transfer the disk;
2. The device of claim 1, further comprising a vertical guide unit operatively connected with the moving unit to align the disk.
3. The device of claim 2, wherein the vertical guide unit releases from aligning the disk when transfer of the disk is complete.
4. An optical disk transferring apparatus for an optical disk drive, comprising:
a transferor to transfer a disk received by the disk drive to maintain alignment of the disk; and
a securer operatively connected with the transferor to secure the disk transferred by the transferor.

004720"0E42T960

- 004720-0847960
5. The apparatus of claim 4, wherein the transferor further comprises:
a roller being operated when the disk is received, the roller coming into selective frictional contact with the disk to transfer the disk as the roller rotates;
at least two holding elements operatively connected with the securer, the holding elements being in simultaneous contact with the disk to assist the roller when transferring the disk;
a driving plate operatively connected with the holding elements, the driving plate initiating operation of the securer when transferring of the disk is complete.
6. The apparatus of claim 5, wherein the transferor further comprises a transfer sensor operatively connected with the two holding elements, the transfer sensor sensing when transferring of the disk is complete and initiating a movement of the driving plate.
7. The apparatus of claim 6, wherein the transfer sensor moves the driving plate, while the holding elements and the roller keep the disk in place.
8. The apparatus of claim 5, wherein the driving plate has a rack gear portion which engages with the securer, the rack gear portion having at least one rounded gear tooth.

9. The apparatus of claim 8, wherein the rack gear portion and the securer are engaged only when the transferor has completely transferred the disk.

10. The apparatus of claim 8, wherein the rack gear portion and the securer are initially not engaged.

11/16

Cal

09617430.071400